

Event Data Set
Dictionary / Data Submission Guide
Companion Guide to
HIPAA (ASC X12 837Prof) Format

Updates:

2/11/2005 - Added Data Set File layout

- Added Update page
- System_Reporting_Date is now part of Data Set Key. No change needed by Centers since this is a field generated by the Audit program based on the name of the submission file.

3/21/2005 - Added data field names to each applicable field

6/16/2005 - Minor corrections to DMHMRS_Modifier_1

9/16/2005 - add note about the 999.9 limitation for Units-of-service in SV1

EVENT DATA CONVENTIONS

Data Element Types

Symbol	Type	Comments
AN	String	Any character from basic or extended character set
B	Binary	
DT	Date	YYMMDD or CCYYMMDD depending on the length of the element
ID	Identifier	Value from a predefined table of codes
N#	Numeric	# = number of decimal places to right of implied decimal, (-) indicates negative number, length does not include optional sign
R	Decimal	Number with explicit decimal point always displayed, (-) indicates negative number, length does not include optional sign
TM	Time	HHMM(SSD..D) depending on the length of the element
X	String	Specific code such as a record ID (RDMC definition)

Requirement Designators

Type	Definition	Comments
M	Mandatory	Required field
O	Optional	Field may or may not be present. If NOT present, the Element Separator is still required
X	Relational	Codes in this field are based on the qualifying code in the previous field

Recommendations

- It is **STRONGLY** recommended, but not required, that an asterisk (*) be used as the Data / Field Element Separator, a colon (:) be used as the Component Element Separator, and a tilde (~) be used as the Segment / Record Terminator in the ISA record.
- It is recommend that all time fields always be set to 24 hour clock (2:00pm is 1400) and use only 4 position length (HHMM). Do not use a colon (:) in the time field, especially if colon is being used as the Component Element Separator.
- Records should have CR/LF following the “ ~ ” at the end of the record. Not only does the software behave better with this line break, but it enables RDMC to read the raw data better and zero in on any problems.

Procedure

A new program was written in 2004 to edit the HIPAA submission directly into the RDMC database.

NOTE:

- Only the HIPAA records that are needed for the Event Data Set are listed in this document (and some needed for ease in following loops and “envelopes”). Additional HIPAA records may be included in the transmission, but RDMC will ignore them.
- An encryption program for the HIPAA format is available under File Management within your Data Upload System web page. Instructions for this and the other encryption programs is available in the same location. NOTE: This is NOT a new encryption formula. It is a program to encrypt the SSNs in the HIPAA format file into the same format as we have been using for years.

- Highlighted items are fields that are being used by RDMC/DMHMRS

Event (Claim File) Data Set File Layout

Seq	Field Name * = Key field-	Type Size	Old NFS Field ID	HIPPA Field ID / loop	Edits	Errors
01	* Region Number	char 2	BA0-01		From input file ID (pos 1-2), must match valid region else reject entire batch	F
02	* PAT Control NO (client ID)	char 9	CA0-03	NM109 2010BA	Must match Client table else reject claim	F
03	* Claim Number	char 6			System generated incremental number set to "00001" at beginning	
04	* SVC From Date	date	FA0-03	DTP03 2400	Valid date before today else reject service	F
05	* DMHMRS Modifier 1	char 2	FA0-12	NTE02 2400	Must match a valid code; if Prime-Payer = Y, then F - reject service; else G	F/G A/C
06	* Provider NO	char 15	CA0-28	NTE02 2400	Must match Providers table else reject claim (if client status = 2, G error)	F/G A
07	* Rendering Professional ID	char 15	FA0-23	NTE02 2400	May be "999999" or must match HR table else set to 15 zeros	G A
08	* Place of SVC	char 2	FA0-07	SV105 2400	Must match a valid code else set to "98"	G A/C
09	* System Reporting Date	date			From input file ID (pos 3-6 - mm/01/yy), must be before today else reject batch	F
10	Claim ID Number	char 6	CA0-29		(Not used) Set to "000000"	G
11	Last Name	char 20	CA0-04		(not used) Set to blank	
12	First Name	char 12	CA0-05		(not used) Set to blank	
13	Date of Birth	date	CA0-08		(not used) Set to "99999999"	
14	Sex	char 1	CA0-09		(not used) Set to "8"	
15	Claim Filing Ind 1	char 1	DA0-04		(not used) no edit	
16	* Source of Pay 1 (Prime Payer)	char 1	DA0-05	SBR09 / NTE02 2000B / 2400	Must match a valid code else reject claim	F
17	Claim Filing Ind 2	char 1	DA0-04		(not used) no edit	
18	Source of Pay 2	char 1	DA0-05		(not used) Set to blank	F
19	Claim Filing Ind 3	char 1	DA0-04		(not used) no edit	
20	Source of Pay 3	char 1	DA0-05		(not used) Set to blank	F

21	Admission Date	date	EA0-26	DTP03 2300	Before today; may be blank if client status 2 else set to "00000000"	G	A
22	Discharge Date	date	EA0-27	DTP03 2300	May be blank or must be valid date else set to "00000000"	G	A
23	Diagnosis Code 1	char 5	EA0-30	HI01(2) 2300	Must match ICD-9 table else set to "00000"	G	A
24	Diagnosis Code 2	char 5	EA0-31	HI02(2) 2300	May be blank or must match ICD-9 table else set to "00000"	G	A
25	Diagnosis Code 3	char 5	EA0-32	HI03(2) 2300	May be blank or must match ICD-9 table else set to "00000"	G	A
26	Diagnosis Code 4	char 5	EA0-33	HI04(2) 2300	May be blank or must match ICD-9 table else set to "00000"	G	A
27	Special Program IND	char 2	EA0-41	NTE02 2400	Must match a valid code else set to "98"	G	A/C
28	Line Item Control NO	char 17	FA0-04		No edit — Set to blank		
29	SVC To Date	date	FA0-06	DTP03 2400	May be blank or before today and after Svc from else set to "00000000"	G	A
30	HCPCS Procedure Code	char 5	FA0-09	SV101(2) 2400	If Prime-Payer = "Y" may be blank or match DMHMRS-Modifier or match CPT code // If Prime-Payer = "D" must be valid Medicaid code // If Prime_Payer other than D/Y, must match CPT code, else set to "99998"	G	A
31	HCPCS Modifier 1	char 2	FA0-10		(not used) no edit		
32	HCPCS Modifier 2	char 2	FA0-11		(not used) no edit		
33	Line Charges	num 7	FA0-13	SV102 2400	(not used) Must be numeric else set to "00000000"		
34	Diag Code Pointer 1	char 1	FA0-14	SV107(1) 2400	(not used) Must be 1/2/3/4 else set to "8"	G	A/C
35	Diag Code Pointer 2	char 1	FA0-15	SV107(2) 2400	(not used) May be blank or 1/2/3/4 else set to "8"	G	A
36	Diag Code Pointer 3	char 1	FA0-16	SV107(3) 2400	(not used) May be blank or 1/2/3/4 else set to "8"	G	A
37	Diag Code Pointer 4	char 1	FA0-17	SV107(4) 2400	(not used) May be blank or 1/2/3/4 else set to "8"	G	A
38	Units of SVC	num 4	FA0-18	SV104 2400	Must be numeric else set to "0000"	G	A/C
39	Referring Professional ID	char 15	FA0-24		(not used) no edit		
40	DMHMRS Modifier 2	char 2	FA0-36	NTE02 2400	(not used) Must match a valid code else set to "98"	G	A/C

41	Medicaid ID NO	char 25	DA0-28	SBR03 2000B	(no longer required) If Prime Payer = "D" may not be blank, may be anything else set to blanks	G A
42	DA0 Filler Local	char 5			no edit	
43	Insure Type Code	char 2	DA0-06	NTE02 2400	If Prime-Payer = "D" must match valid code If Prime-Payer = "Y" must be 01 or OT or 99 otherwise anything else set to "98"	G A

"Missing Clients" are Client_IDs that are not found in the Client table
 "Rejected Claims" are from Missing clients or records out of order
 "Rejected Services" are from invalid SVC_from_date or invalid Source_of_pay_1

Note: Input records completely replace existing records for matching Year, Month.

Under the Error column;

F = Fatal error - field vital to record, entire record rejected, no further edit checks are performed

G = General error - invalid value, data recorded for reporting purposes, value changed to Unknown / Not Collected code

NOTE: NOT counted in completeness accumulation

P = Possible problem - value in this field should be reviewed as it is outside normal bounds or is in conflict with another field

A = Accuracy - this field checked for accurate values

C = Completeness - this field checked against Unknown / Not Collected code

NOTES:

If Fatal Records / Total Records > 5%, then Acceptance = FAIL

or

If Rejected Claims / Total Claims > 5%, then Acceptance = FAIL

or

If Rejected Services / Total Services > 5%, then Acceptance = FAIL

or

If total unacceptable fields / total acceptable fields > 5%, then Acceptance = FAIL

If the number of incomplete values / total acceptable values > 5% for ANY of the fields considered for Completeness, then Completeness = FAIL

If submission received after the end of the month following the month for which the data applies, then Timeliness = FAIL

Section: ISA – Interchange Control Header

This record is a fixed length record of 106 bytes.

- NOTE: 106 bytes includes the Data / Field Element Separator (position #4), Component Element Separator (position #105), and the Segment / Record Terminator (position #106). These delimiter characters may NOT be used anywhere else in the entire transaction data set.
- It is **STRONGLY** recommended, but not required, that an asterisk (*) be used as the Data / Field Element Separator, a colon (:) be used as the Component Element Separator, and a tilde (~) be used as the Segment / Record Terminator. For consistency, these are the delimiters used in this guide.

Only once per submission; additional ISA records will be ignored

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments	106 bytes
	Record ID	M	X	3/3	"ISA"	1-3
	Element Separator	M	X	1	Delimiter used to separate elements	4
ISA01	Authorization Info Qualifier	M	ID	2/2	00 = no meaningful information in ISA02	5-6
ISA02	Authorization Information	M	AN	10/10		8-17
ISA03	Security Info Qualifier	M	ID	2/2	use "00" = no meaningful information in ISA04 01 = password in ISA04	19-20
ISA04	Security Information	M	AN	10/10		22-31
ISA05	Interchange ID Qualifier	M	ID	2/2	mutually defined code in I06 for Sender (use "30")	33-34
ISA06 / AA0-2	Interchange Sender ID	M	AN	15/15	Sender ID (use ETIN)	36-50
ISA07	Interchange ID Qualifier	M	ID	2/2	mutually defined code in ISA08 for Receiver (use "30")	52-53
ISA08 / AA0-17	Interchange Receiver ID	M	AN	15/15	Receiver ID (use "616001218")	55-69
ISA09 / AA0-15	Interchange Date	M	DT	6/6	YYMMDD (use date of submission)	71-76
ISA10 / AA0-16	Interchange Time	M	TM	4/4	HHMM (use time of submission - not edited)	78-81
ISA11	Repetition Separator Inter Cntl Std ID	M	X	1/1	Interchange Control Standards ID (use "U")	83
ISA12	Interchange Control Version Number	M	ID	5/5	use "00401" = Version 4, release 1	85-89
ISA13	Interchange Control Number	M	N0	9/9	Must match IEA02	91-99
ISA14	Acknowledgement Requested	M	ID	1/1	use "1" = interchange acknowledgement requested 0 = no acknowledgement requested	101
ISA15 / AA0-21	Usage Indicator	M	ID	1/1	use P = production data T = test data	103
ISA16	Component Element Separator	M	X	1/1	delimiter used to separate 'records'	105
	Segment / Record Terminator	M	X	1/1	delimiter used to indicate the end of a record	106

Example:

ISA*00* *00* *30*610123456 *30*616001218 *020831*1000 **con't**
 *U*00401*150207010*1*P*::~

Section – GS - Functional Group Header

Only once per submission; additional GS records will be ignored

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	"GS"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
GS01	Functional ID Code	M	AN	2/2	use "HC" = 837 format
GS02 / AA0-2	Application Sender's Code	M	AN	2/15	Must match ISA06 (which is a 15 character field)
GS03 / AA0-17	Application Receiver's Code	M	AN	2/15	Must match ISA08 (which is a 15 character field)
GS04 / AA0-15	Date	M	DT	8/8	CCYYMMDD – may be the same as ISA09 with century
GS05 / AA0-16	Time	M	TM	4/8	HHMM(SSDD) – may be the same as ISA10
GS06	Group Control Number	M	N0	1/9	must match GE02
GS07	Responsible Agency Code	M	ID	1/2	X = X12 used in conjunction with GS08
GS08	Version/Release/Industry ID Code	M	AN	1/12	use "004010X098" = version 4, release 1, ASC X12
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

GS*HC*610123456 *616001218 *20020831*1000*X*00401X098~

NOTE: ISA06 & 08 MUST be 15 positions long; GS02 & 03 should match the ISA06 & 08, but blanks may be dropped

Section – ST - Transaction Set Header

While the HIPAA developers recommend that users include no more than 5,000 Claim (CLM) records within a ST – SE "envelope", RDMC should be able to handle any number sent.

There is no limit as to the number of ST – SE envelopes that may be included within a GS - GE envelope.

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	"ST"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
ST01	Transaction Set ID Code	M	ID	3/3	use "837" = health claim defines the type of transaction
ST02 / AA0-5	Transaction Set Control Number	M	AN	4/9	must match SE02
ST03	Not used by RDMC				
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

ST*837*0001~

Section – NM1 – Submitter Name - loop 1000A

Once for each BHT record;

Not used / ignored by RDMC/DMHMRS

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"NM1"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
NM101	Entity ID Code	M	ID	2/3	use "41" = Sender
NM102	Entity Type Qualifier	M	ID	1/1	use "2" = non-person
NM103 / AA0-6	Organization Name	O	AN	1/35	Sender name (use name of your region)
NM104	Not Used				
NM105	Not Used				
NM106	Not Used				
NM107	Not Used				
NM108	ID Code Qualifier	X	ID	1/2	use "46" = ETIN
NM109 / BA0-2	ID Code	X	AN	2/80	Use your Employer / Tax ID number
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

NM1*41*2*BLUEGRASS*****46*610123456~

NOTE: Region number will be taken from the identification of the input file

Section – PER – Contact Person's Name - loop 1000A

One is required, may have two.

Not used / ignored by RDMC/DMHMRS

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"NM1"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
PER01	Contact Function Code	M	ID	2/2	"IC" = Information Contact
PER02 / AA0-13	Sender Contact Name	O	AN	1/60	Name of person responsible for sending data
PER03	Communication Number Qualifier	X	ID	2/2	Method of communication access – "TE" = Phone #
PER04 / AA0-14	Communication Number	X	AN	1/80	Communication Number
PER05	Communication Number Qualifier	X	ID	2/2	Method of communication access – "EX" = Phone extension #
PER06	Communication Number	X	AN	1/80	Communication Number
PER07	Communication Number Qualifier	X	ID	2/2	Method of communication access – "EM" = e-mail address
PER08	Communication Number	X	AN	1/80	Communication 'Number'
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

PER*IC*Jon A. Dough*TE*8595551212*EX*12*EM*jadough@region.com~

Section – HL – Hierarchical Level - loop 2000A - Billing / Pay-To Provider (Region)

One for each iteration of loop 2000A; - loop 2000A may occur as often as needed

Not used / ignored by RDMC/DMHMRS

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/ Max Length	Comments
	Record ID	M	X	2/2	"HL"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
HL01	Hierarchical ID #	M	AN	1/12	Start with 1 and increment by 1 each time HL is used
HL02	Not used				Not used when HL01 = 1
HL03	Level Code	M	ID	1/2	use "20" = Information Source
HL04	Child Code	O	ID	1/1	"0" = no subordinate levels; "1" = additional subordinate HL data segments
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

HL*1**20*0~

loop 2000B may occur as many times as needed

Section – HL – Hierarchical Level - loop 2000B

Once per loop;

Not used / ignored by RDMC/DMHMRS

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/ Max Length	Comments
	Record ID	M	X	2/2	"HL"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
HL01	Hierarchical ID #	M	AN	1/12	start with 1 and increment by 1 each time HL is used
HL02	Hierarchical Parent ID #	O	AN	1/12	The hierarchical ID number this HL record is subordinate to
HL03	Level Code	M	ID	1/2	use "22" = Subscriber
HL04	Child Code	O	ID	1/1	"0" = no subordinate levels; "1" = additional subordinate HL data segments
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

HL*2*1*22*0~

Section – SBR – Subscriber Information - loop 2000B - “Payer”

Once for each HL record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/ Max Length	Comments
	Record ID	M	X	3/3	“SBR”
	Element Separator	M	X	1/1	must match character in col 4 of ISA
SBR01	Payer Responsibility Sequence ID	M	ID	1/1	use “P” = primary or “S” = secondary or “T” = tertiary
SBR02	Patients Relationship to Insured	O	ID	2/2	use “18” = self
SBR03 / DA0-28	Insurance Policy or Group ID Not Used	O	AN	1/30	Medicaid ID # (no longer required per JCIC meeting of 7/21/2004)
SBR04	Not used				
SBR05 / DA0-6	Insurance Type Code Not used				will use the NTE02 code until HIPAA establishes a valid cross-reference
SBR06	Not used				
SBR07	Not used				
SBR08	Not used				
SBR09 / DA0-5	Payer (Source of Pay)	O	ID	1/2	see cross-reference below (only one Payer accepted per JCIC meeting of 7/21/2004)
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

SBR*P*18*254*****ZZ~

SBR03 (DA0-28). Medicaid ID Number

Data field name - Medicaid_ID_No

Description: The Medicaid identifying number.
Required?: No, however, if the data is entered, it will be retained
Error Action: None, field not required

SBR09 (DA0-05). Source of Pay (Payer)

Data field name: Source_of_Pay_1

NOTE: Source of Pay 2 and 3 are no longer required

Description: The HIPAA code identifying the payment source (Payer) for this claim
Required?: Yes
Error Action: General error reported and field set to “8”

Valid Codes:	HIPAA	(NSF)	Description
	09	A	SELF PAY
	WC	B	WORKER'S COMPENSATION
	MB	C	MEDICARE
	MC	D	MEDICAID
	OF	E	OTHER FEDERAL PROGRAM
	CI	F	COMMERCIAL INSURANCE COMPANY
	BL	G	BLUE CROSS / BLUE SHIELD
	CH	H	CHAMPUS
	HM	I	HMO
		J	FEDERAL EMPLOYEE'S PROGRAM (FEP)
10	K		CENTRAL CERTIFICATION
	L		SELF ADMINISTERED
	M		FAMILY or FRIENDS
	N		MANAGED CARE - NON-HMO

BL	P	BLUE CROSS
TV	T	TITLE V
VA	V	VETERANS' ADMINISTRATION PLAN
12	X	PPO
*	Y	DMHMRS
ZZ	Z	OTHER
	8	Not Applicable / Unknown / Not Collected

indicated by a "1" in column 1 of NTE02

Section – NM1 – Subscriber / Insured Name - loop 2010BA

Once for each HL record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"NM1"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
NM101	Entity ID Code	M	ID	2/3	use "IL" = Insured or Subscriber
NM102	Entity Type Qualifier	M	ID	1/1	use "1" = person
NM103	Last Name	M	AN	1/35	something is required
NM104	First Name	M	AN	1/35	something is required
NM105	Not Used				
NM106	Not Used				
NM107	Not Used				
NM108	ID Code Qualifier	X	ID	1/2	use "MI" = Member's ID #
NM109 / CA0-3 & DA0-3 & EA0-3 & FA0-3	ID Code	X	AN	2/80	Member's Encrypted SSN #
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

NM1*IL*1*A*B****MI*G12X3L789~

NM109 (CA0-03/DA0-03/EA0-03/FA0-03). Patient Control Number / Client ID Number

Data field name - Pat_Control_No

Description: Identifies client to the database using a unique identifier. This is the encrypted SSN using the established encryption methodology. See Client ID Encryption Protocol.

Required?: Yes

Error Action: Fatal, Reject claim

Valid Codes: Must match Client ID in Client Data Set and CLM01.

Section – CLM – Claim Information - loop 2300

May have up to 100 Claim (CLM) records within each 2300 loop.

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"CLM"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
CLM01 / EA0-3	Claim Submitter's (Client's) ID	M	AN	1/38	Member's Encrypted SSN #
CLM02 / XA0-12	Total Claim Charges	O	R	1/18	This format MUST include the decimal. NOTE: this field is not required
CLM03-4	Not used				
CLM05	Not used Place of Service	M	AN	1/2	NOTE: this field is NOT used. SV105 will be used for each service record
CLM06-20	Not used				
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

CLM*G12X3L789~

CLM01 (EA0-03). Patient Control Number / Client ID Number

Data field name - Pat_Control_No

Description: Identifies client to the database using a unique identifier. This is the encrypted SSN using the established encryption methodology. See Client ID Encryption Protocol.

Required?: Yes

Error Action: Fatal, Reject claim

Valid Codes: Must match Client ID in Client Data Set and NM109.

Section – DTP – Admission Date - loop 2300

No longer considered necessary for DMHMRS

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"DTP"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
DTP01	Date/Time Qualifier	M	ID	3/3	"435" = admission
DTP02	Date/Time Format Qualifier	M	ID	2/3	"D8"
DTP03 / EA0-26	Admission Date	O	AN	1/35	YYYYMMDD format
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

DTP*435*D8*20020531~

DTP03 (EA0-26). Admission Date

Data field name - Admission_Date

Description: Date when the client receives first direct service of this episode.

Required?: Yes No per JCIC meeting of 7/21/2004, but the date will be retained if entered and valid

Error Action: This field may be left blank.

Valid Codes: Any date in the format YYYYMMDD. Must be less than or equal to submission date.

Section – DTP – Discharge Date - loop 2300
No longer considered necessary for DMHMRS

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"DTP"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
DTP01	Date/Time Qualifier	M	ID	3/3	"096" = discharge
DTP02	Date/Time Format Qualifier	M	ID	2/3	"D8"
DTP03 / EA0-27	Discharge Date This field no longer used by RDMC / DMHMRS	O	AN	1/35	YYYYMMDD format
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:
DTP*096*D8*20020601~

DTP03 (EA0-27). Discharge Date

Data field name - Discharge_Date

Description: Date when the client receives the last direct service of this episode.
Required?: No, but the date will be retained if entered and valid
Error Action: This field may be left blank.

Valid Codes: Any date in the format YYYYMMDD. Must be less than or equal to submission date.

Section – HI – Health Care Information - loop 2300
one required for each CLM

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	"HI"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
HI01(1)	Code List Qualifier	M	ID	1/3	use "BK" = Principal diagnosis
HI01(2) / EA0-30	Diagnosis Code 1	M	AN	1/30	Valid ICD-9 diagnosis code, decimal may be included
HI02(1)	Code List Qualifier	M	ID	1/3	use "BF" = Additional diagnosis
HI02(2) / EA0-31	Diagnosis Code 2	M	AN	1/30	if needed, valid ICD-9 diagnosis code, decimal may be included
HI03(1)	Code List Qualifier	M	ID	1/3	use "BF" = Additional diagnosis
HI03(2) / EA0-32	Diagnosis Code 3	M	AN	1/30	if needed, valid ICD-9 diagnosis code, decimal may be included
HI04(1)	Code List Qualifier	M	ID	1/3	use "BF" = Additional diagnosis
HI04(2) / EA0-33	Diagnosis Code 4	M	AN	1/30	if needed, valid ICD-9 diagnosis code, decimal may be included
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:
HI*BK:79999*BF:30001~

HI01(2) (EA0-30). Diagnosis Code-1

Data field name - Diagnosis_Code_1

Description: An ICD-9 Diagnosis Code identifying a diagnosed medical condition resulting in a service.**Required?:** No**Error Action:** Blank or invalid code generates a General Error, Code set to "00000" in database.**Valid Codes:** A valid ICD-9 code. Decimal points may be included.**HI02(2) (EA0-31). Diagnosis Code-2**

Data field name - Diagnosis_Code_2

HI03(2) (EA0-32). Diagnosis Code-3

Data field name - Diagnosis_Code_3

HI04(2) (EA0-33). Diagnosis Code-4

Data field name - Diagnosis_Code_4

Description: An ICD-9 Diagnosis Code identifying a diagnosed medical condition resulting in a service.**Required?:** Optional**Error Action:** If invalid, General Error reported and field set to "00000" in database.**Valid Codes:** A valid ICD-9 code, decimal points may be included, '00000', blank, or null.**Section – LX – Service Line / Line Counter - loop 2400**

Once per 2400 loop - loop 2400 may occur up to 50 times

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/ Max Length	Comments
	Record ID	M	X	2/2	"LX"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
LX01 / FA0-4	Assigned Number	M	N0	1/6	Begin with 1 and increment by 1
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

LX*1~

Section – SV1 – Professional Service Information - loop 2400

once for each LX record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"SV1"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
SV101(1)	Service ID Qualifier	M	ID	2/2	use "HC" = HCPCS Code
SV101(2) / FA0-9	Service Code	M	AN	1/48	HCPCS code
SV102 / FA0-13	Line Item Charge	O	R	1/18	This format MUST include the decimal. NOTE: this field is not used by DMHMRS
SV103	Unit of Measurement	M	ID	2/2	use "UN" = unit
SV104 / FA0-18	Quantity / Units of Service	X	R	1/15	This format MUST include the decimal (if needed)
SV105 / FA0-7	Place of Service	M	AN	1/2	see below
SV106	Not used				
SV107(1) / FA0-14	Diagnosis Code Pointer #1 Not used	M	N0	1/2	only codes "1" thru "4" are acceptable; no longer used by DMHMRS
SV107(2) / FA0-15	Diagnosis Code Pointer #2 Not used	O	N0	1/2	no longer used by DMHMRS
SV107(3) / FA0-16	Diagnosis Code Pointer #3 Not used	O	N0	1/2	no longer used by DMHMRS
SV107(3) / FA0-17	Diagnosis Code Pointer #4 Not used	O	N0	1/2	no longer used by DMHMRS
SV108-21	Not used				
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

SV1*HC:90899*UN*1.0*53*1:2~

SV101(2) (FA0-09). HCPCS Procedure Code

Data field name - HCPCS_Procedure_Code

Description: This is the HCPCS/CPT-4 code or Medicaid service code (X-code) that describes the service.
Required?: Yes
Error Action: If this field does not meet the criteria listed below, it is considered a General Error.

Valid Codes: If the Payer (SBR09 (DA0-5)) = "Y", this field can equal field NTE02 (FA0-12) DMHMRS Modifier 1, can be blank, or can be any valid HCPCS/CPT code.
If the Payer = "D" (Medicaid), this field must contain a valid Medicaid code (see Appendix E).
If the Payer is neither "Y" nor "D", this field must contain a valid HCPCS/CPT code (see Appendix D).

SV104 (FA0-18). Units of Service

Data field name - Units_of_Svc

Description: The number of services rendered in Units of Service appropriate to the service provided (see Appendix E).
Required?: Yes
Error Action: General Error reported. Field set to '000.0' in database.

Valid Codes: 000.1-999.9
Although this HIPAA format will allow larger numbers, due to limitations in the RDMC data set, the Units of Service cannot exceed 999.9

Special Instructions: In order to capture fractional services, include the decimal as needed. (per HIPAA guidelines)

SV105 (FA0-07). Place of Service

Data field name - Place_of_Svc

Description: The code that identifies where the service was performed.**Required?:** Yes**Error Action:** If invalid or null, field set to 98 in database and general error reported.

Valid Codes:	11	Office	
	12	Home	
	21	Inpatient Hospital	
	22	Outpatient Hospital	
	23	Emergency Room - Hospital	
	24	Ambulatory Surgical Center	
	25	Birth Center	
	26	Military Treatment Facility	
	31	Skilled Nursing Facility	
	32	Nursing Facility	
	33	Custodial Care Facility	
	34	Hospice	
	*35	Group Home	\
	*36	Staffed Residence	\
	*37	Family Home	> use code 12 instead
	*38	Personal Care Home	/
	*39	Foster Care	/
	41	Ambulance - Land	
	42	Ambulance - Air or Water	
	*50	Federally Qualified Health Center	> use code 99 instead
	51	Inpatient Psychiatric Facility	
	52	Psychiatric Facility Partial Hospitalization	
	53	Community Mental Health Center	
	54	Intermediate Care Facility/Mentally Retarded	
	55	Residential Substance Abuse Treatment Facility	
	56	Psychiatric Residential Treatment Center	
	61	Comprehensive Inpatient Rehabilitation Facility	
	62	Comprehensive Outpatient Rehabilitation Facility	
	65	End Stage Renal Disease Treatment Facility	
	71	State or Local Public Health Clinic	
	72	Rural Health Clinic	
	81	Independent Laboratory	
	98	Unknown / Not Collected (this should rarely be used)	
	99	Other Unlisted Facility	

* - indicates codes that are NOT valid HIPAA codes

Section – DTP – Service Date - loop 2400

once for each SV1 record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"DTP"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
DTP01	Date/Time Qualifier	M	ID	3/3	use "472" = discharge service dates
DTP02	Date/Time Format Qualifier	M	ID	2/3	"RD8"
DTP03 / FA0-5 & 6	Service From & To Date	M	AN	1/35	YYYYMMDD-YYYYMMDD format. NOTE: dates are separated by a dash.
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

DTP*472*RD8*20020531-20020601~

DTP03 (FA0-05/ FA0-06). Service From & To Dates

Data field name - Svc_From_Date // Svc_To_Date

Description:

The date the service was initiated and extends through.

Required?:

Service From Date IS required, Service To Date is not used

Error Action:

If Service From Date is invalid, before 7/1/1997 or greater than the last day of the reporting month, Fatal error reported, field set to null in database.

Service To Date is optional, however if reported, and it is an invalid date or before the Service From Date, General Error reported, field set to null in database.

Valid Codes:

Valid dates in the format YYYYMMDD, separated by a dash (-).

Section – NTE – Line Item Note - loop 2400

once for each SV1 record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"NTE"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
NTE01	Reference Code	O	ID	3/3	use "ADD" = Additional Info
NTE02 / DA0-5 & DA0-6 & EA0-41 & FA0-12 & FA0-36 & CA0-28 & FA0-23	Delimit by position MHMR Indicator-Src of Pay Ins Type(Ins Type Code) Spec Pgm Ind DMHMR Modifier 1 DMHMR Modifier 2 Provider ID # Rendering Prof ID #	M M M M M M M	X X X X X X X	1/1 2/2 3/3 3/3 3/3 6/6 15/15	see applicable NSF field definitions "1" = MHMR (Y); "0" = not MHMR see below 1/2/3/4 = MH/MR/Alc/Drug see Appendix E no longer needed see Providers list see HR table
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

NTE*ADD*1003310340001505205581~

1	MHMR Indicator
00	Ins Type Code
331	Spec Pgm Ind (only last 2 positions used)
034	DMHMRS Modifier 1 (only last 2 positions used)
000	not used, MUST fill spaces
150520	Provider ID #
5581	Rendering Prof ID #

NTE02 - column 1 (DA0-05). Source of Pay (Payer)

Data field name - Source_of_Pay_1

Description: a "1" in this position will override the SBR09 code and indicate the Payer is DMHMRS; otherwise, code "0" (zero) - **Do NOT skip**

Required?: Yes

Error Action: If the SBR09 code was not provided AND this code is NOT = 1, then General error reported and field set to "8"

Valid Codes: **1 = DMHMRS** **0 or space = not DMHMRS**

NTE02 - columns 2-3 (DA0-06). Insurance Type Code

Data field name - Insure_Type_Code

Description: Identifies the type of insurance (policy).

Required?: Yes, if field SBR09 (DA0-05) (Payer) = D or Y.

Error Action: If field SBR09 (DA0-05) = D or Y and this field is invalid, General error reported and field set to 98 in database.

Valid Codes: The following codes may be used if SBR09 (DA0-05) (Payer) is "D" (Medicaid)

01	Title XIX Fee for Service
02	IMPACT Plus
03	Supports for Community Living
04	Acquired Brain Injury
05	Substance Abuse Pregnant Women
06	KCHIP
99	Other

The following codes may be used if NTE02 - column 1 (DA0-05) is "1" (DMHMRS)

01	IFBSS
99	Other
OT	Other

NTE02 - columns 4-6 (EA0-41). Special Program Indicator / Program Code

Data field name - Special_Program_Ind

Description: A code indicating the Special Program under which the services rendered to the patient were performed.

Required?: Yes

Error Action: Invalid or blanks generate General Error. Field is set to 98 in database.

Valid Codes:

HIPAA

110	10	Sexual/Domestic Violence Victim
111	11	Sexual/Domestic Violence Perpetrator
112	12	Adult with SMI (Severe or Chronic mental illness)
113	13	Other Adult
114	14	IMPACT Children
115	15	Other SED Children
116	16	Other Children
117	17	Consultation and Education
100	19	General MH code (allows conversion from 3-digit coding in HIPAA format)

Mental Retardation (any code beginning with "2" is a MR code)

220	20	All
221	21	Early Intervention
200	29	General MR code (allows conversion from 3-digit coding in HIPAA format)
<u>Alcohol</u> (any code beginning with "3" or "4" is a SA code)		
330	30	Pregnant Women/Women with Dependent Children
331	31	DUI
332	32	Other Alcohol
	33	Deleted in 2001
300	39	General Alcohol code (allows conversion from 3-digit coding in HIPAA format)
<u>Drug</u> (any code beginning with "3" or "4" is a SA code)		
440	40	Pregnant Women/Women with Dependent Children
441	41	DUI
442	42	Other Drug
	43	Deleted in 2001
400	49	General Drug code (allows conversion from 3-digit coding in HIPAA format)
998	98	Other/Unknown (This should rarely be used)

NTE02 - columns 7-9 (FA0-12). DMHMRS Modifier 1 (Service / Procedure)

Data field name - DMHMRS_Modifier_1

Description: This code identifies the first DMHMR modifier for this service. See Appendix E for full Modifier Descriptions.

Required?: Yes

Error Action: If the Payer (SBR09 (DA0-5)) = "Y" and this field is invalid, it is a Fatal Error. If the Payer is not "Y" and this field is invalid, it is a General Error, the service is rejected and field set to 98.

NOTE: RDMC will only utilize the last two positions of the NTE02 - columns 7-9 (FA0-12)

Valid Codes:

001	Diagnostic Interview
002	Intensive In-Home
003	Assessment DUI
004	PASRR – Level II Evaluation
005	Assessment PASRR – Subsequent Review – deleted FY2002
006	Consultation PASRR
010	Psychiatric Diagnostic Evaluation (may be conducted by ARPNS)
011	Medical Evaluation
012	Psychiatric Evaluation of Records
013	Psychiatric Report Preparation
020	Psychological Testing
021	Specialized Evaluation and Consultation (IFBSS)
022	Intervention Services (IFBSS - "Family Support Service")
023	Intervention Services (IFBSS - "Overnight Care")
024*	Miscellaneous Services Purchased
025*	Miscellaneous Goods Purchased
026	Therapeutic Child Support – deleted FY2002
027	Therapeutic Foster Family Treatment
028	Therapeutic Rehabilitation Services (Children – Day Treatment)
029	Therapeutic Rehabilitation Services (Children – After School Program)
030	Therapeutic Rehabilitation Services (Adults)
031	Respite Care – Hourly changed FY2003
032	Respite Care – Daily – deleted FY2003
033	Community Supports – deleted FY2001
034	SA Transitional
035	SA Residential

036	SA Family Residential
037	Specialized Personal Care Home Services
038	Residential Crisis Stabilization – Adult (CSU)
039	Residential Crisis Stabilization – Child and Adolescent (CSU)
040	Residential Support
041	Detoxification (Non-Medical)
042	Detoxification (Medical)
043	Supported Housing
044	SA Family Transitional – new FY2003
050	Individual Therapy
051	Individual Therapy (Psychiatrist)
052	Group Therapy
053	Intensive Outpatient SA
054	Intensive Outpatient MH
060	Case Management Services Adult MH (SMI)
061	Case Management Services Children MH (SED)
062	Support Coordination - MR (formally Case Mgmt MR)
063	Case Management Services SA
064	SA Pregnant Women Services NOS-- deleted FY2001
070	DUI Education Services
071	Consultation & Education – deleted FY2003
072	MH Prevention
073	Consultation (New FY2003)
074	Outreach and Education - New FY2003
077	MR Adult Foster Care Home Residential Supports - new FY2004
078	MR Pre-Vocational Services
079	Community Living Supports
080	Social Club (Drop-in)
081	Community Habilitation Services
082	In-Home Support
083	Early Intervention/First Steps (KEIS)
084	Behavior Support
085	Supported Employment (MH/MR)
086	Leisure
087	Occupational Therapy
088	Physical Therapy
089	Speech Therapy
090	PASRR Specialized Services
091	MR Crisis and Prevention
092	MR Individual Supports – deleted FY2003
093	MR Residential Supports - to be deleted in FY 2006
094	PASRR Specialized Goods Purchased – new FY2003
095	MR Group Home Residential Supports - new FY2004
096	MR Family Home Residential Supports - new FY2004
097	MR Staffed Residence Residential Supports - new FY2004
098	Unknown / Not Collected (should not be used)
099	Other Non-DMHMRS service specified in FA0-9 SV101(2)

* Codes 24 and 25 may use a Pseudo-Client (Client Status Code '3' in Client Data Set field 6)

NTE02 - columns 10-12 (FA0-36). DMHMRS Modifier 2

Data field name - DMHMRS_Modifier_2

Although this data is no longer needed, you **MUST** use 3 zeros or spaces as place-holders or the remaining fields will not be read correctly.

Valid Code: 000

NTE02 - columns 13-18 (CA0-28). Provider Number / ID

Data field name - Provider_No

Description: Most of the time, a Provider designates a specific address where services are performed. However, there may be several 'Providers' at the same address when multiple programs are housed at that address and the Regions want to use the Provider Site ID as a method to separate the services. Also, some services may be performed at homes, schools, courts or other non-regional sites. A Provider Site ID may be established to help identify a specific service and the address used may be the 'home' address of the service or the staff member providing the service. See Appendix A.

Required?: Yes

Error Action: 1. If Client Field 6 – Client Status Code = 1, Fatal, reject claim.
2. If Client Field 6 – Client Status Code = 2, General Error reported, code changed to 999998 in database.

Valid Codes: Provider NO must be within the reporting Region. See Appendix A

NTE02 - columns 19-33 (FA0-23). Rendering Professional ID (Staff ID)

Data field name - Rendering_Professional_ID

Description: Professional identifier assigned by center. This is the same number provided in the Human Resources data set.

Required?: Yes

Valid Codes: Professional ID on record in the Human Resources data set for the Reporting Region. Up to 15 alpha-numeric characters “999999” = Not a direct employee of the center

Error Action: General Error reported. Field set to '000000000000000' in database.

Example:

NTE*ADD*1003310340001505205581~

1	MHMR Indicator
00	Ins Type Code
331	Spec Pgm Ind (only last 2 positions used)
034	DMHMRS Modifier 1 (only last 2 positions used)
000	not used, MUST fill spaces
150520	Provider ID #
5581	Rendering Prof ID #

Section – SE - Transaction Set Trailer

once for each ST record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	“SE”
	Element Separator	M	X	1/1	must match character in col 4 of ISA
SE01	Number of Included Segments	M	N0	1/10	number of records / segments in transaction set, including ST and SE
SE02 / AA0-5	Transaction Set Control Number	M	AN	4/9	must match ST02
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

SE*99*0001~

Section – GE - Functional Group Trailer

Once per submission

HIPAA Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	“GE”
	Element Separator	M	X	1/1	must match character in col 4 of ISA
GE01	Number of Transaction Sets included	M	N0	1/6	
GE02	Group Control Number	M	N0	1/9	Must match GS06
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

GE*22*15~

Section – IEA - Interchange Control Trailer

once per submission

HIPAA Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	“IEA”
	Element Separator	M	X	1/1	must match character in col 4 of ISA
IEA01	Number of Included Functional Groups	M	N0	1/5	Count of the number of GS/GE groups
IEA02	Interchange Control Number	M	N0	9/9	must match ISA13
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

IEA*14*150207010~

HIPAA Data Stream Example

any additional HIPAA records submitted will be IGNORED by the editor program

see NOTES at bottom of example

```
ISA*00*          *00*          *30*610123456  *30*616001218  *020831*1000 con't
*U*00401*150207010*1*P*::~~
GS*HC*610123456  *616001218  *20020831*1000*X*00401X098~
ST*837*0001~
```

/* This is the start of the Client loop 2000B */

```
SBR*P*18*254*****ZZ~
NM1*IL*1*A*B****MI*G12X3L789~
```

/* This is the start of the Claim loop 2200 */

```
CLM*G12X3L789~
HI*BK:79999*BF:30001~
```

/* This is the start of a Services loop 2400 */

```
LX*1~
SV1*HC:90899*UN*1.0*53*1~
DTP*472*RD8*20020531-20020601~
NTE*ADD*1003310340001505205581~
```

```
LX*2~
SV1*HC:90804*UN*4.0*53*1~
DTP*472*RD8*20020517-20020517~
NTE*ADD*1013320440981505204567~
```

```
LX*3~
SV1*HC:X0050*UN*0.25*99*2~
DTP*472*RD8*20020501-20020501~
NTE*ADD*1993300700011505205001~
```

/* This is the end of the first Services loop */

/* This is the end of the first Claim loop */

/* This is the start of the second Claim loop */

```
CLM*A12B3C456~
HI*BK:29383~
```

/* This is the start of a Services loop for the second Claim */

```
LX*1~
SV1*HC:04*UN*2.0*53*1~
DTP*472*RD8*20020522-20020522~
NTE*ADD*003113036 1598705581~
```

```
LX*2~
SV1*HC:50*UN*0.5*53*1~
DTP*472*RD8*20020524-20020524~
NTE*ADD*003113036 1598704567~
```

/* This is the end of the Services loop for the second Claim */

/* This is the end of the second Claim loop */

/* This is the end of the first Client loop */

/* This is the start of a second Client loop */

SBR*P*18*254*****ZZ~

NM1*IL*1*C*D****MI*B23C4D567~

/* This is the start of a Claim loop for the second Client */

CLM*B23C4D567~

HI*BK:30000*BF:30090~

/* This is the start of a Services loop for the second Client */

LX*1~

SV1*HC:X0150*UN*1.0*11*1~

DTP*472*RD8*20020521-20020521~

NTE*ADD*0012200780061500245454~

/* This is the end of the Services loop for the second Client */

/* This is the end of the Claim loop for the second Client */

/* This is the end of the second Client loop */

SE*9999*0001~

GE*22*15~

IEA*14*150207010~

/* This is the end of the submission */

NOTES:

1. We are NOT HIPPA experts.
2. Only records of interest to DMHMRS (RDMC) are included in this example (i.e. the ones that contain data that will be loaded into the Event data set). All other records will be ignored by RDMC.
3. I have left off any fields we do not edit check as any effort expended in providing that information would be wasted since we do not edit, retain or use those fields.
4. Everything between /* and */ is a comment and NOT part of the data stream.